

Converting Colors

Hex(9EC648)

Have a look what the booklet for
Hex(9EC648) contains.

Hex(9EC648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EC648)

Conversions

Conversions Part 1

Format	Color
Hex	9EC648
RGB	158, 198, 72
RGB Percent	62%, 78%, 28%
CMY	0.3804, 0.2235, 0.7176
CMYK	0.20, 0.00, 0.64, 0.22
HSL	79°, 52%, 53%
HSV	79°, 64%, 78%
XYZ	35.4643, 48.1251, 13.5508
YIQ	171.6760, 16.6060, -47.6660

Conversions

Conversions Part 2

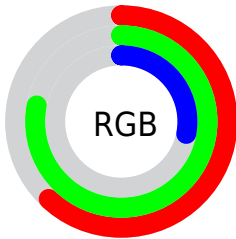
Format	Color
RYB	72, 198, 112
Decimal	10405448
CIELab	74.90, -31.87, 56.88
CIELCh	75, 65.195, 119.261
Yxy	48.1251, 0.3651, 0.4954
Android (android.graphics.Color)	4288595528 (0xFF9EC648)
YUV	171.6760, -49.1403, -11.9939
Hunter-Lab	69.3723, -30.1492, 36.9792

Details

The Hex color **9EC648** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7048C6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D7FF7E**, and **679008** is the 20% darker color. If you saturate the color by 10%, you get **98C634**, and if you desaturate by 10%, it is **A4C65C**.

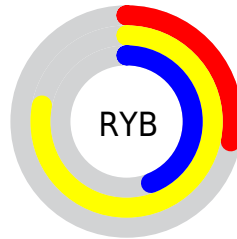
Distribution



Red (62%)

Green (78%)

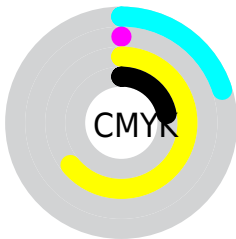
Blue (28%)



Red (28%)

Yellow (78%)

Blue (44%)

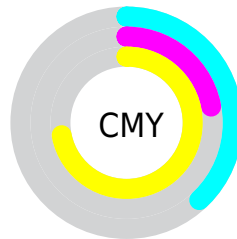


Cyan (20%)

Magenta (0%)

Yellow (64%)

Black (22%)



Cyan (38%)

Magenta (22%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EC648 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9EC648 by changing the saturation by 10% instead.



9EC648



9EC648

FFFFFF



82AB2C



D7FF7E



679008



F5FF99



4C7600



FFFFB5



325D00



FFFFD2



144500



FFFFEF



002E00



001A00



000000



9EC648



9EC648

 98C634

 A4C65C

 91C620

 ABC670

 8BC60D

 B1C683

 87C600

 B7C697

 BDC6AB

 C4C6BF

 CAC6D3

 D0C6E6

 D7C6FA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DAB537



9EC648



48D178

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9EC648



00CEFF



FF82BC

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9EC648



7048C6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF90F7



9EC648



00C0FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9EC648



00D5F1



B7A9FF



FF8881

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9EC648



00D4A0



B7A9FF



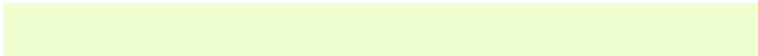
FF84D1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9EC648



F0FFCF



C67048



768062



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EC648



C1FF3D



5FC648



60635A



6FA300



182400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7048C6



7B3DFF



AF48C6



5D5A63



3400A3



0B0024

Previews

White Background



This preview shows how the Hex color 9EC648 looks on a white background.

Color Contrast Check

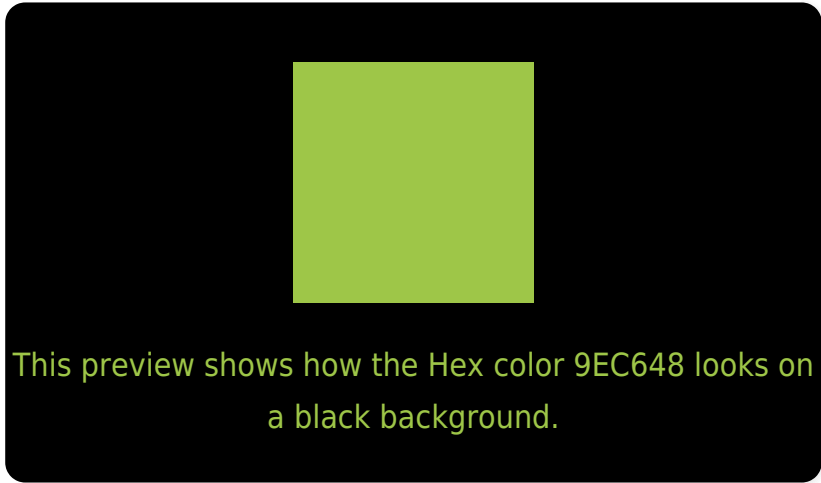
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9EC648 Background



This preview shows how black text looks on a background with the Hex color 9EC648.

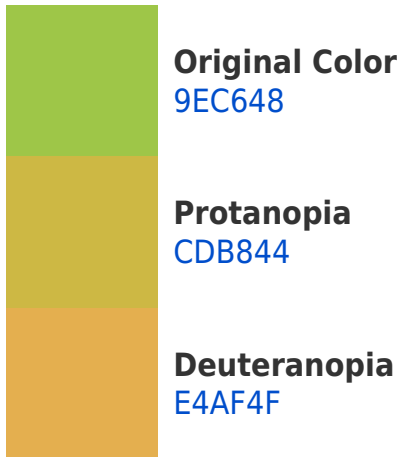


This preview shows how white text looks on a background with the Hex color 9EC648.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

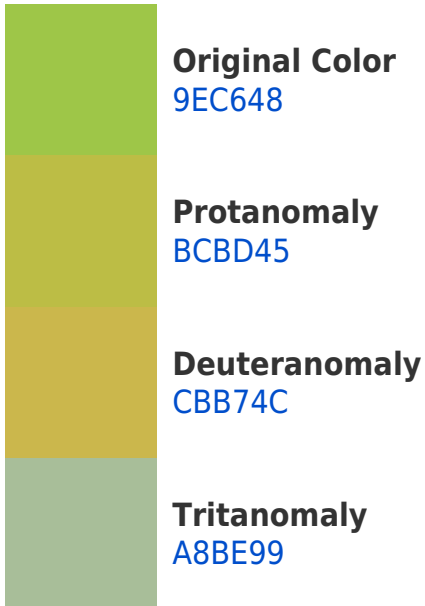
Dichromacy



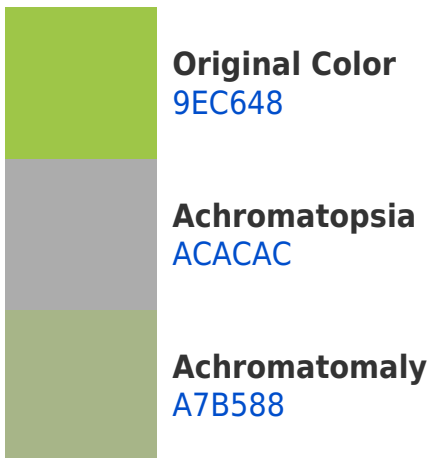


Tritanopia
ADB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EC648 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9EC648 looks like.

```
.text, #text, p{  
    color:#9EC648  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9EC648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC648
}
```

Border

The CSS property to change the border of an element to Hex 9EC648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9EC648 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9EC648 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9EC648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC648; -webkit-box-shadow:4px 4px  
4px 4px #9EC648; box-shadow:4px 4px 4px  
4px #9EC648 }
```

Background

The CSS property to change the background color of an element to Hex 9EC648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC648 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9EC648 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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